BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Improvements to Roads,Drains,Footpath and Park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

BYATARAYANAPURA DIVISION

DETAILED MEASURMENT BOOK

8th PART BILL

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 008-17-000035, 008-17-000036, 008-17-000037, 008-17-000038, 008-17-000039, 008-17-000040, 008-17-000041, 008-17-000042, 008-17-000043, 008-17-000044, 008-17-000045, 25347

Name of Agency :- M/s Karthik Enterprises

Bill No :-8th RA and Part Bill

Measurements Recorded On : 17-06-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202 (P.No.137, I.No.18.20 of PW, P&IWTD SR 2016-17)										
	Road Dismantling										
	7th A Cross Road										
	0.00	10.00		1	10.00	3.90	4.00	3.95	0.15	5.93	
	10.00	20.00		1	10.00	4.10	4.00	4.05	0.15	6.08	
	20.00	30.00		1	10.00	3.80	4.10	3.95	0.15	5.93	
	30.00	40.00		1	10.00	4.20	3.90	4.05	0.15	6.08	
	40.00	50.00		1	10.00	4.00	4.00	4.00	0.15	6.00	
								Total Quantity		30.00	
								Limited to BOQ		**15.38**	**Sq-m**

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P,
Bangalore.

Measurements Recorded On : 17-06-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	Removing and Resetting of Footpath Slab (P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-17)										
	Badrappa Layout										
	Maruthinagar 2nd Stage										
	1st A Cross Road										
	LHS										
	0.00	10.00	L/S	1	10.00			0.90		9.00	
	RHS										
	0.00	10.00	R/S	1	10.00			0.90		9.00	
	1st B Cross Road										
	LHS										
	0.00	15.00	L/S	1	15.00			0.90		13.50	
	15.00	30.00	L/S	1	15.00			0.90		13.50	
	30.00	45.00	L/S	1	15.00			0.90		13.50	
	45.00	60.00	L/S	1	15.00			0.90		13.50	
	60.00	75.00	L/S	1	15.00			0.90		13.50	
	75.00	90.00	L/S	1	15.00			0.90		13.50	
	90.00	105.00	L/S	1	15.00			0.90		13.50	
	RHS										
	0.00	15.00	R/S	1	15.00			0.90		13.50	
	45.00	60.00	R/S	1	15.00			0.90		13.50	
	60.00	75.00	R/S	1	15.00			0.90		13.50	
	75.00	90.00	R/S	1	15.00			0.90		13.50	
	90.00	105.00	R/S	1	15.00			0.90		13.50	
	2nd A cross Road										
	LHS										
	0.00	15.00	L/S	1	15.00			0.90		13.50	
	15.00	30.00	L/S	1	15.00			0.90		13.50	
	30.00	41.00	L/S	1	11.00			0.90		9.90	
	RHS										
	0.00	15.00	R/S	1	4.00			0.90		3.60	
	15.00	30.00	R/S	1	4.00			0.90		3.60	
	30.00	41.00	R/S	1	5.00			0.90		4.50	
	2nd B cross Road										
	LHS										
	0.00	15.00	L/S	1	15.00			0.90		13.50	
	15.00	30.00	L/S	1	15.00			0.90		13.50	
	30.00	45.00	L/S	1	15.00			0.90		13.50	
	45.00	60.00	L/S	1	15.00			0.90		13.50	
	60.00	75.00	L/S	1	15.00			0.90		13.50	
	RHS										
	13.00	28.00	R/S	1	15.00			0.90		13.50	
	28.00	43.00	R/S	1	15.00			0.90		13.50	

Consultant

Assistant Engineer

Assistant Executive Engineer

Yelahanka Zone, B.B.M

Measurements Recorded On 27-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutti[redacted] of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
31	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17).										
	Maruthinagar 1st Main Road										
	0.00	10.60		1	10.60	6.80	6.60	6.70	0.04	2.84	
	10.60	12.00		0	1.40	6.80	6.60	6.70	0.04	0.00	
	12.00	30.00		1	18.00	6.60	6.20	6.40	0.04	4.61	
	30.00	35.00		1	5.00	6.20	7.40	6.80	0.04	1.36	
	35.00	50.00		1	15.00	7.40	6.90	7.15	0.04	4.29	
	50.00	65.00		1	15.00	6.90	7.40	7.15	0.04	4.29	
	65.00	80.00		1	15.00	7.40	7.50	7.45	0.04	4.47	
	80.00	84.10		1	4.10	7.50	7.50	7.50	0.04	1.23	
	1st A cross Road										
	0.00	9.50		1	9.50	3.80	3.40	3.60	0.04	1.37	
	9.50	28.50		1	19.00	3.40	4.20	3.80	0.04	2.89	
	1st B Cross Road										
	0.00	15.00		1	15.00	6.50	5.40	5.95	0.04	3.57	
	15.00	30.00		1	15.00	5.40	5.50	5.45	0.04	3.27	
	30.00	45.00		1	15.00	5.50	5.70	5.60	0.04	3.36	
	45.00	60.00		1	15.00	5.70	5.80	5.75	0.04	3.45	
	60.00	75.00		1	15.00	5.80	5.70	5.75	0.04	3.45	
	75.00	90.00		1	15.00	5.70	5.40	5.55	0.04	3.33	
	90.00	103.00		1	13.00	5.40	5.50	5.45	0.04	2.83	
	103.00	104.50		1	1.50	5.50	4.90	5.20	0.04	0.31	
	2nd A Cross Road										
	0.00	15.00		1	15.00	3.10	2.80	2.95	0.04	1.77	
	15.00	30.00		1	15.00	2.80	2.80	2.80	0.04	1.68	
	30.00	40.30		1	10.30	2.80	3.50	3.15	0.04	1.30	
	2nd B Cross Road										
	0.00	15.00		1	15.00	5.40	5.30	5.35	0.04	3.21	
	15.00	30.00		1	15.00	5.30	5.30	5.30	0.04	3.18	
	30.00	45.00		1	15.00	5.30	5.40	5.35	0.04	3.21	
	45.00	60.00		1	15.00	5.40	5.40	5.40	0.04	3.24	
	60.00	75.00		1	15.00	5.40	5.10	5.25	0.04	3.15	
	75.00	79.00		1	4.00	5.10	4.90	5.00	0.04	0.80	
	79.00	93.00		1	14.00	4.90	4.70	4.80	0.04	2.69	

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division
Yelahanka

Measurements Recorded On 27-7-2012

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	3rd A Cross Road										
	0.00	15.00		1	15.00	4.30	4.40	4.35	0.04	2.61	
	15.00	30.00		1	15.00	4.40	4.60	4.50	0.04	2.70	
	30.00	45.00		1	15.00	4.60	4.00	4.30	0.04	2.58	
	45.00	60.00		1	15.00	4.00	5.20	4.60	0.04	2.76	
	60.00	78.00		1	18.00	5.20	5.40	5.30	0.04	3.82	
	3rd B cross Road										
	0.00	15.00		1	15.00	5.30	5.20	5.25	0.04	3.15	
	15.00	30.00		1	15.00	5.20	5.00	5.10	0.04	3.06	
	30.00	45.00		1	15.00	5.00	5.40	5.20	0.04	3.12	
	45.00	60.00		1	15.00	5.40	5.20	5.30	0.04	3.18	
	60.00	75.00		1	15.00	5.20	5.60	5.40	0.04	3.24	
	75.00	85.10		1	10.10	5.60	5.20	5.40	0.04	2.18	
	4th cross Road										
	0.00	7.20		1	7.20	7.20	5.40	6.30	0.04	1.81	
	7.20	8.00		1	0.80	5.40	5.40	5.40	0.04	0.17	
	8.00	20.00		1	12.00	5.40	4.70	5.05	0.04	2.42	
	20.00	27.50		1	7.50	4.70	5.30	5.00	0.04	1.50	
	27.50	40.00		1	12.50	5.30	5.30	5.30	0.04	2.65	
	40.00	55.00		1	15.00	5.30	5.50	5.40	0.04	3.24	
	55.00	70.00		1	15.00	5.50	6.10	5.80	0.04	3.48	

122.83

Consultant

Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer

Measurements Recorded On 27-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	70.00	84.00		1	14.00	6.10	5.50	5.80	0.04	3.25	
	84.00	90.50		1	6.50	5.50	5.60	5.55	0.04	1.44	
	90.50	105.00		1	14.50	5.60	5.60	5.60	0.04	3.25	
	105.00	120.00		1	15.00	5.60	5.50	5.55	0.04	3.33	
	120.00	135.00		1	15.00	5.50	5.20	5.35	0.04	3.21	
	135.00	150.00		1	15.00	5.20	5.00	5.10	0.04	3.06	
	150.00	165.00		1	15.00	5.00	5.40	5.20	0.04	3.12	
	165.00	181.50		1	16.50	5.40	5.00	5.20	0.04	3.43	
	5th cross Road										
	0.00	15.00		1	15.00	6.30	5.50	5.90	0.04	3.54	
	15.00	30.00		1	15.00	5.50	5.00	5.25	0.04	3.15	
	30.00	45.00		1	15.00	5.00	4.80	4.90	0.04	2.94	
	45.00	60.00		1	15.00	4.80	5.00	4.90	0.04	2.94	
	60.00	73.50		1	13.50	5.00	5.60	5.30	0.04	2.86	
	73.50	79.70		1	6.20	5.60	5.50	5.55	0.04	1.38	
	79.70	94.00		1	14.30	5.50	5.40	5.45	0.04	3.12	
	94.00	109.00		1	15.00	5.40	5.40	5.40	0.04	3.24	
	109.00	124.00		1	15.00	5.40	5.30	5.35	0.04	3.21	
	124.00	139.00		1	15.00	5.30	5.40	5.35	0.04	3.21	
	139.00	154.00		1	15.00	5.40	5.40	5.40	0.04	3.24	
	154.00	175.00		1	21.00	5.40	5.70	5.55	0.04	4.66	
	6th cross Road										
	0.00	15.00		1	15.00	6.30	5.90	6.10	0.04	3.66	
	15.00	30.00		1	15.00	5.90	5.90	5.90	0.04	3.54	
	30.00	45.00		1	15.00	5.90	5.40	5.65	0.04	3.39	
	45.00	63.60		1	18.60	5.40	6.10	5.75	0.04	4.28	
	63.60	70.80		1	7.20	6.10	6.40	6.25	0.04	1.80	
	70.80	86.00		1	15.20	6.40	6.30	6.35	0.04	3.86	
	86.00	100.00		1	14.00	6.30	6.20	6.25	0.04	3.50	
	100.00	115.00		1	15.00	6.20	6.00	6.10	0.04	3.66	
	115.00	130.00		1	15.00	6.00	5.50	5.75	0.04	3.45	
	130.00	145.00		1	15.00	5.50	5.30	5.40	0.04	3.24	
	145.00	162.70		1	17.70	5.30	5.00	5.15	0.04	3.65	
	7th cross Road										
	0.00	15.00		1	15.00	5.80	4.70	5.25	0.04	3.15	
	15.00	30.00		1	15.00	4.70	4.80	4.75	0.04	2.85	
	30.00	45.00		1	15.00	4.80	5.20	5.00	0.04	3.00	
	45.00	54.30		1	9.30	5.20	4.30	4.75	0.04	1.77	
	54.30	62.00		1	7.70	4.30	4.50	4.40	0.04	1.36	
	62.00	77.00		1	15.00	4.50	4.10	4.30	0.04	2.58	
	77.00	81.00		1	4.00	4.10	4.20	4.15	0.04	0.66	
	81.00	90.00		1	9.00	4.20	5.00	4.60	0.04	1.66	
	90.00	100.00		1	10.00	5.00	4.10	4.55	0.04	1.82	

122.85

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Assistant Executive Engineer
Bangalore

Measurements Recorded On 27-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

241.27

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	100.00	106.50		1	6.50	4.10	4.50	4.30	0.04	1.12	
	106.50	121.50		1	15.00	4.50	4.30	4.40	0.04	2.64	
	121.50	136.50		1	15.00	4.30	4.50	4.40	0.04	2.64	
	136.50	151.50		1	15.00	4.50	4.50	4.50	0.04	2.70	
	151.50	157.80		1	6.30	4.50	4.30	4.40	0.04	1.11	
	1st Main Road										
	B/W 7th A cross to 4th cross										
	0.00	15.00		1	15.00	5.40	5.70	5.55	0.04	3.33	
	15.00	27.20		1	12.20	5.70	5.30	5.50	0.04	2.68	
	27.20	36.20		0	9.00	5.30	6.00	5.65	0.04	0.00	
	36.20	51.00		1	14.80	6.00	5.80	5.90	0.04	3.49	
	51.00	60.20		1	9.20	5.80	6.30	6.05	0.04	2.23	
	60.20	70.30		0	10.10	6.30	5.80	6.05	0.04	0.00	
	70.30	93.30		1	23.00	5.80	5.90	5.85	0.04	5.38	
	93.30	103.30		0	10.00	5.90	6.30	6.10	0.04	0.00	
	103.30	126.30		1	23.00	6.30	6.30	6.30	0.04	5.80	
								Total Quantity		**274.39**	**Cu-m**

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engin
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M
Bangalore

Measurements Recorded On 30-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
32	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)									
	Side line									
	Maruthinagar 1st Main Road									
	Center Line		1	82.70			0.10		4.135	
	1st A cross Road									
	Center Line		1	28.50			0.10		1.425	
	1st B Cross Road									
	Center Line		1	104.50			0.10		5.225	
	2nd A Cross Road									
	Center Line		1	40.30			0.10		2.015	
	2nd B Cross Road									
	Center Line		1	93.00			0.10		4.65	
	3rd A Cross Road									
	Center Line		1	78.00			0.10		3.9	
	3rd B cross Road									
	Center Line		1	85.10			0.10		4.255	
	4th cross Road									
	Center Line		1	181.50			0.10		9.075	
	5th cross Road									
	Center Line		1	175.00			0.10		8.75	
	6th cross Road									
	Center Line		1	162.70			0.10		8.135	
	7th cross Road									
	Center Line		1	157.80			0.10		7.89	
	B/W 7th A cross to 4th cross									
	Center Line		1	97.20			0.10		4.86	
							Total Quantity		**64.32**	**Sqm**

Clerk

Dy 7/18

Consultant

TEJUS CONSULTANTS

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Yelahanka Zone, B.B.M.P.

Measurements Recorded On 30-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
33	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M20 (at 300Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.177, I.No.22.6.2 of PW,P&IWTD SR 2016-17)										
	Road										
	7th'A' Cross Behind A2B										
	0.00	10.00		1	10.00	2.90	3.00	2.95	0.15	4.43	
	10.00	20.00		1	10.00	3.00	2.50	2.75	0.15	4.13	
	20.00	30.00		1	10.00	2.50	2.60	2.55	0.15	3.83	
	30.00	40.00		1	10.00	2.60	2.80	2.70	0.15	4.05	
	40.00	50.00		1	10.00	2.80	2.90	2.85	0.15	4.28	
	50.00	60.00		1	10.00	2.90	2.70	2.80	0.15	4.20	
	60.00	70.00		1	10.00	2.70	2.70	2.70	0.15	4.05	
	70.00	80.00		1	10.00	2.70	2.70	2.70	0.15	4.05	
	80.00	90.00		1	10.00	2.70	2.80	2.75	0.15	4.13	
	90.00	100.00		1	10.00	2.80	2.80	2.80	0.15	4.20	
	100.00	111.00		1	11.00	2.80	3.20	3.00	0.15	4.95	
								Total Quantity		**46.28**	**Cu-m**

CUPC

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Consultant

Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Assistant Executive Engineer

Measurements Recorded On 30-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
34	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)										
	Road										
	7th'A' Cross Behind A2B										
	0.00	10.00		1	10.00	2.90	3.00	2.95		29.50	
	10.00	20.00		1	10.00	3.00	2.50	2.75		27.50	
	20.00	30.00		1	10.00	2.50	2.60	2.55		25.50	
	30.00	40.00		1	10.00	2.60	2.80	2.70		27.00	
	40.00	50.00		1	10.00	2.80	2.90	2.85		28.50	
	50.00	60.00		1	10.00	2.90	2.70	2.80		28.00	
	60.00	70.00		1	10.00	2.70	2.70	2.70		27.00	
	70.00	80.00		1	10.00	2.70	2.70	2.70		27.00	
	80.00	90.00		1	10.00	2.70	2.80	2.75		27.50	
	90.00	100.00		1	10.00	2.80	2.80	2.80		28.00	
	100.00	111.00		1	11.00	2.80	3.20	3.00		33.00	
								Total Quantity		**308.50**	**sq-m**

Consultant

Assistant Engineer

Assistant Executive Engineer

Measurements Recorded On 30-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
35	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.(P.No.178, I.No.22.8.1 of PW, P&IWTD SR 2016-17)										
	Road										
	7th'A' Cross Behind A2B										
	0.00	10.00		1	1.00	2.90	3.00	2.95		2.95	
	10.00	20.00		1	1.00	3.00	2.50	2.75		2.75	
	20.00	30.00		1	1.00	2.50	2.60	2.55		2.55	
	30.00	40.00		1	1.00	2.60	2.80	2.70		2.70	
	40.00	50.00		1	1.00	2.80	2.90	2.85		2.85	
	50.00	60.00		1	1.00	2.90	2.70	2.80		2.80	
	60.00	70.00		1	1.00	2.70	2.70	2.70		2.70	
	70.00	80.00		1	1.00	2.70	2.70	2.70		2.70	
	80.00	90.00		1	1.00	2.70	2.80	2.75		2.75	
	90.00	100.00		1	1.00	2.80	2.80	2.80		2.80	
	100.00	111.00		1	1.10	2.80	3.20	3.00		3.30	
								Total Quantity		**30.85**	**Rmt**

Consultant

Assistant Engineer

Assistant Executive Engineer

Measurements Recorded On 22-7-2019

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Maruthinagara 2nd Stage in Ward No.8, Kodigehalli

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
77	Add cost of Waste Plastic @ 8% of Bitumen weight									
	For BC									
	Bitumen = 141 kg/cum								**3095.11**	**Kg**

Consultant

Assistant Engineer

Assistant Executive Engineer
Yelahanka Zone, B.B.